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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of: CROWLEY, R.J.**

**Serial No.: 10/791,668**


**Filed: 03/02/2004**

**For: OPTICAL ANTENNA ARRAY FOR HARMONIC GENERATION, MIXING  
AND SIGNAL AMPLIFICATION**

**Examiner: CLINGER, J.C.**

**Art Unit: 2821**

**Att'y. Docket No.: RJC-6**

I hereby certify that this document and all documents enclosed herewith are being sent to the  
Commissioner for Patents, P.O.Box 1450, Alexandria VA 22313, Postage Prepaid via First Class Mail on  
22 February 2005, name: D.N. Halgren, signed: 

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**RESPONSE TO NOTICE OF FEE DEFICIENCY**

Dear Sir or Madam:

In response to the Notice of Fee Deficiency dated 02/07/2005 in  
regard to the above-identified pending U.S. Patent Application, enclosed  
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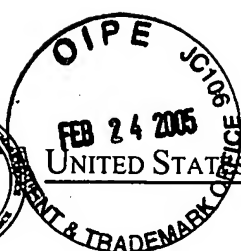
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Respectfully submitted,



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/791,668	09/29/2004	Robert Joseph Crowley	RJC-6	2721

7590 02/07/2005  
Donald N. Halgien  
35 Central Street  
Manchester, MA 01944

EXAMINER

WONG, DON KITSUN

ART UNIT	PAPER NUMBER
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2821

DATE MAILED: 02/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
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Paper No.

NOTICE OF FEE DEFICIENCY

The informality regarding the payment of the fee is indicated below in connection with

10/791,668

- ☐ the original filing of the application and/or preliminary amendment (e.g. additional claim fees)
- ☐ the reply filed on \_\_\_\_\_ . The reply is not fully responsive to the prior Office action because of the \_\_\_\_\_ following matter(s). See 37 CFR 1.111 and 37 CFR 1.135.

FEE(S) DUE

- ☐ 1. The reply (e.g., amendment) is considered incomplete in that the funds in Deposit Account No. \_\_\_\_\_ are insufficient to cover the entire fee due. The balance\* is due within the time period set below.
- ☐ 2. The reply (e.g., amendment) is considered incomplete in that the Credit Card payment to cover the entire fee due to \_\_\_\_\_ Account \_\_\_\_\_ (Card type + last 4 digits ONLY) was refused.

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- ☐ 3. The reply (e.g., amendment) has not been entered, since applicant has failed to remit (or authorize charge to a Deposit Account or Credit Card) the fee as indicated on the attached Patent Application Fee Determination Record. Remittance or authorization is due within the time period set below.
- ☒ 4. The filing fee of \$ \_\_\_\_\_ submitted in this application is insufficient. A balance of \$ 100 is due for presentation of excess claims (37 CFR 1.16(b) & (c)).
- ☐ 5. Other.

Explanation (Provide specific details of the required correction in order to assist the applicant. Indicate whether a service charge has been added to the fee due):

25 claims were presented  $5 \times 20 = 5 \times \$9 = \$45$ . However, \$9 was pd 11/29/04 - with the new fee in effect -  $4 \times \$25 = 100$

APPLICANT IS GIVEN A TIME PERIOD OF ONE (1) MONTH or THIRTY (30) DAYS FROM THE MAILING DATE OF THIS NOTICE, WHICHEVER IS LONGER, WITHIN WHICH TO REMIT THE FEE(S) IN ORDER TO AVOID ABANDONMENT. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136.

THE INDICATED AMOUNT OF THE FEE(S) DUE IS SUBJECT TO CHANGE YEARLY ON OCTOBER 1 (37 CFR 1.16 & 1.21). THE AMOUNT OF THE FEE(S) DUE IS DETERMINED AS OF THE DATE A COMPLETE REPLY IS RECEIVED BY THE OFFICE (37 CFR 1.8 & 1.10). BECAUSE THE AMOUNT DUE IS NOT NECESSARILY THE FEE INDICATED ABOVE, IT IS RECOMMENDED THAT APPLICANT CHECK THE CURRENT FEE SCHEDULE WHICH IS POSTED ON THE USPTO'S WEBSITE AT: <http://www.uspto.gov/web/offices/ac/qs/ope/fees.htm>

\*Service Charges: There is a \$50 service charge for processing each payment refused (including a check returned "unpaid") or charged back by a financial institution (37 CFR 1.21(m)). There is a \$25.00 service charge for each month when the balance of a deposit account is below \$1000 at the end of the month (37 CFR 1.21(b)(2)).

Michael Kron  
Legal Instruments Examiner (LIE) or Clerk of Group

Inquires regarding this Notice should be addressed to the above at \_\_\_\_\_ (insert Phone Number).